

**DECLARATION FOR  
UTILITY OR DESIGN  
PATENT APPLICATION**

☐ Declaration OR  
Submitted  
with Initial Filing

☒ Declaration  
Submitted after  
Initial Filing

Attorney Docket Number

MLD-027

First Named Inventor

David J. Roach

**COMPLETE IF KNOWN**

Application Number

09/109,676

Filing Date

July 2, 1998

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ROBOTIC MICROCHANNEL BIOANALYTICAL INSTRUMENT

(Title of the invention)

the specification of which

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY)

July 2, 1998

as United States Application Number or PCT International

Application Number

09/109,676

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION**

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number	Name	Registration Number
Thomas Schneck	24,518		
Mark Protsik	31,788		
George B.F. Yee	37,478		
John P. McGuire, Jr.	P-41,984		

☐ Additional registered practitioner(s) named on a supplemental sheet attached hereto.

Direct all correspondence to: Customer No. 003897

Name	Thomas Schneck		
Address	P.O. Box 2-E		
Address			
City	San Jose	State	CA
Country	U.S.A.	Telephone	408/297-9733
		Fax	408/297-9748

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name	David	Middle Initial	J.	Family Name	Roach	Suffix e.g. Jr.	
Inventor's Signature	<i>David J. Roach</i>					Date	7/29/98
Residence: City	Los Gatos	State	CA	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	15904 Cherry Blossom Lane						
Post Office Address							
City	Los Gatos	State	CA	Zip	95032	Country	U.S.A.

☒ Additional inventors are being named on supplemental sheet(s) attached hereto



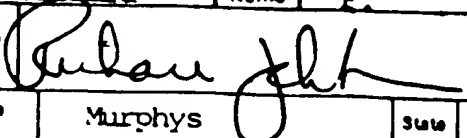
DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet				
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	Robert	Middle Name	T.	Family Name	Loder, Jr.	Suffix			
Inventor's Signature	<i>Robert T. Loder Jr.</i>				Date	7-29-98			
Residence City	Sunnyvale	State	CA	Country	U.S.A.	Citizenship	U.S.A.		
Post Office Address	1619 Redwing Avenue								
Post Office Address									
City	Sunnyvale	State	CA	Zip	94087	Country	U.S.A.		
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	Thomas	Middle Initial	M.	Family Name	Armstrong	Suffix			
Inventor's Signature	<i>Thomas M Armstrong</i>				Date	8/5/98			
Residence City	Palo Alto	State	CA	Country	U.S.A.	Citizenship	U.S.A.		
Post Office Address	3790 El Camino Real #158								
Post Office Address									
City	Palo Alto	State	CA	Zip	94306	Country	U.S.A.		
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	Dennis	Middle Initial	W.	Family Name	Harris	Suffix			
Inventor's Signature	<i>Dennis W Harris</i>				Date	8/14/99			
Residence City	Buckinghamshire	State		Country	England	Citizenship	U.K.		
Post Office Address	Kildare Common, Holmer Green								
Post Office Address									
City	Buckinghamshire	State		Zip	HP15 6TD	Country	England		
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name	Stevan	Middle Initial	B.	Family Name	Jovanovich	Suffix			
Inventor's Signature	<i>Stevan B. Jovanovich</i>				Date	8/3/98			
Residence City	Livermore	State	CA	Country	U.S.A.	Citizenship	U.S.A.		
Post Office Address	723 Hazel Street								
Post Office Address									
City	Livermore	State	CA	Zip	94550	Country	U.S.A.		
<input type="checkbox"/> Additional inventors are being named on supplemental sheet(s) attached hereto									

2025 RELEASE UNDER E.O. 14176



## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name		Richard			Middle Name		E.			Family Name		Johnston			Suffix				
Inventor's Signature												Date		9/10/98					
Residence City		Murphys			State		CA		Country		U.S.A.			Citizenship		U.S.A.			
Post Office Address		4551 Murphys Camp Road																	
Post Office Address																			
City		Murphys			State		CA		Zip		95247			Country		U.S.A.			
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name					Middle Initial					Family Name					Suffix		e.g. Jr.		
Inventor's Signature												Date							
Residence City					State				Country					Citizenship					
Post Office Address																			
Post Office Address																			
City					State				Zip					Country					
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name					Middle Initial					Family Name					Suffix		e.g. Jr.		
Inventor's Signature												Date							
Residence City					State				Country					Citizenship					
Post Office Address																			
Post Office Address																			
City					State				Zip					Country					
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name					Middle Initial					Family Name					Suffix		e.g. Jr.		
Inventor's Signature												Date							
Residence City					State				Country					Citizenship					
Post Office Address																			
Post Office Address																			
City					State				Zip					Country					
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name					Middle Initial					Family Name					Suffix		e.g. Jr.		
Inventor's Signature												Date							
Residence City					State				Country					Citizenship					
Post Office Address																			
Post Office Address																			
City					State				Zip					Country					
Additional inventors are being named on supplemental sheet(s) attached hereto																			



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 03, 1999

PTAS

LAW OFFICES OF THOMAS SCHNECK  
THOMAS SCHNECK  
P.O. BOX 2-E  
SAN JOSE, CA 95109-0005



\*100851391A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/1998

REEL/FRAME: 9503/0671  
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ROACH, DAVID J.

DOC DATE: 09/14/1998

ASSIGNOR:  
LODER, ROBERT T. JR.

DOC DATE: 09/14/1998

ASSIGNOR:  
ARMSTRONG, THOMAS M.

DOC DATE: 09/15/1998

ASSIGNOR:  
HARRIS, DENNIS W.

DOC DATE: 09/29/1998

ASSIGNOR:  
JOVANOVICH, STEVAN B.

DOC DATE: 09/14/1998

ASSIGNOR:  
JOHNSTON, RICHARD F.

DOC DATE: 09/10/1998

jc675 U.S. PTO  
09/556897  
04/20/00

ASSIGNEE:

MOLECULAR DYNAMICS, INC.  
928 EAST ARQUES AVENUE  
SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 09109676

PATENT NUMBER:

FILING DATE: 07/02/1998

ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Tab settings 000 ▼

100851391

To the Honorable Commission

Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David J. Roach; Robert T. Loder, Jr.;  
Thomas M. Armstrong; Dennis W. Harris;  
Stevan B. Jovanovich; Richard F. Johnston.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Molecular Dynamics, Inc.

Internal Address:

Street Address: 928 East Arques Avenue

City: Sunnyvale State: CA ZIP: 94086

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

med 10-9-98

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: Sept. 10, 1998; Sept. 14, 1998;  
Sept. 15, 1998; Sept. 29, 1998.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

(09/109,676)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas Schneck

Internal Address: Law Offices of Thomas Schneck

Street Address: P.O. Box 2-E

San Jose, CA 95109-0005

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41).....\$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number. (for fee deficiency only)

19-0590

(Attach duplicate copy of this page if paying by deposit account)

10/16/1998 TTU11 00000020 09103676

DO NOT USE THIS SPACE

01 EC:581

40.00 EP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas Schneck

Name of Person Signing

Thomas Schneck

Signature

October 6, 1998

Date

Total number of pages including cover sheet, attachments, and document:

8

## A S S I G N M E N T

WHEREAS, the undersigned, DAVID J. ROACH, having an address of 15904 Cherry Blossom Lane, Los Gatos, County of Santa Clara, State of California 95032; ROBERT T. LODER, JR., having an address of 1619 Redwing Avenue, Sunnyvale, County of Santa Clara, State of California 94087; THOMAS M. ARMSTRONG, having an address of 3790 El Camino Real #158, Palo Alto, County of Santa Clara, State of California 94306; DENNIS W. HARRIS, having an address of Kildare Common, Holmer Green, Buckinghamshire HP15 6TD, England; STEVAN B. JOVANOVIICH, having an address of 723 Hazel Street, Livermore, County of Alameda, State of California 94550; and RICHARD F. JOHNSTON, having an address of 4551 Murphys Camp Road, Murphys, County of Calaveras, State of California 95247 (hereinafter termed Assignors) have co-invented certain new and useful improvements in an invention entitled ROBOTIC MICRO-CHANNEL BIOANALYTICAL INSTRUMENT; filed on July 2, 1998 and assigned Serial No. 09/109,676;

WHEREAS, MOLECULAR DYNAMICS, INC., a corporation of the State of California, having an address of 928 East Arques Avenue, Sunnyvale, California 94086 (hereinafter termed Assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries;



NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by said Assignors from said Assignee, the receipt and sufficiency of which in full are hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any of said application specifically identified herein, and in and to each and every reissue or extension of said Letters Patent.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee whereby said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed; (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of

Assignee) which are deemed necessary or desirable by Assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of Letters Patent included herein, or for interference proceedings involving said invention and/or said improvements; (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, th se said Assignors have executed  
and deliver d this instrument on th dates shown below.

Date: 9/14, 1998

David J. Roach  
DAVID J. ROACH

Date: 9-14, 1998

Robert T. Loder, Jr.  
ROBERT T. LODER, JR.

Date: 9/15, 1998

Thomas M. Armstrong  
THOMAS M. ARMSTRONG

Date: 9/29, 1998

Dennis W. Harris  
DENNIS W. HARRIS

Date: 9/14, 1998

Stevan B. Jovanovich  
STEVAN B. JOVANOVIICH

Date: 9-10, 1998

Richard F. Johnston  
RICHARD F. JOHNSTON

Stat of California )  
County of Santa Clara ) s.s.

On September 14, 1998, before me, Kimleen D. Emery personally appeared DAVID J. ROACH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kimleen D. Emery (Seal)  
Notary Public

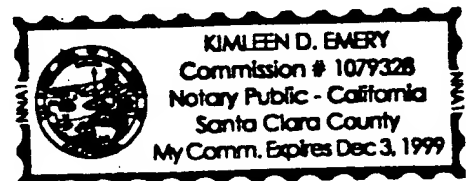


State of California )  
County of Santa Clara ) s.s.

On September 14, 1998, before me, Kimleen D. Emery personally appeared ROBERT T. LODER, JR., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kimleen D. Emery (Seal)  
Notary Public

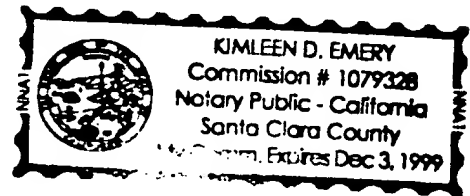


Stat of California )  
County of Santa Clara ) s.s.

On September 15, 1998, before me, Kimleen D. Emery personally appeared THOMAS M. ARMSTRONG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kimleen D. Emery (Seal)



England )

On 9/29, 1998, before me, Lucie D. Galarza personally appeared DENNIS W. HARRIS, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Lucie D. Galarza (Seal)

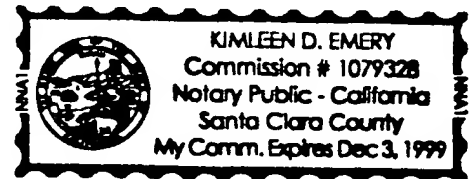
LUCIE D. GALARZA  
Notary Public of New Jersey  
My Commission Expires June 22, 2000

State of California     )  
                                  )     s.s.  
County of Santa Clara    )

On September 14, 1998, before me, Kimleen D. Emery  
personally appeared STEVAN B. JOVANOVIH, personally known to me  
(or proved to me on the basis of satisfactory evidence) to be the  
person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized  
capacity, and that by his signature on the instrument the person,  
or the entity upon behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

Signature Kimleen D. Emery (Seal)  
Notary Public



State of California     )  
                                  )     s.s.  
County of Santa Clara    )

On September 10, 1998, before me, Kimleen D. Emery  
personally appeared RICHARD F. JOHNSTON, personally known to me  
(or proved to me on the basis of satisfactory evidence) to be the  
person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized  
capacity, and that by his signature on the instrument the person,  
or the entity upon behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

Signature Kimleen D. Emery (Seal)  
Notary Public

